

## CITY OF SHEBOYGAN

### WASTEWATER TREATMENT PLANT OPERATOR II

CODE C08295L

#### Nature of Work:

Under general supervision of the Wastewater Superintendent, is responsible for the efficient operation, regulation, and maintenance of equipment and facilities located at the Wastewater Treatment Plant and WW Pump/Lift Stations involving the performance of skilled work normally done independently.

#### Typical Duties: \*Essential Functions (These examples do not list all the duties which may be assigned.)

1. Regulates wastewater flow through the treatment plant and makes adjustments in the process in accordance with prescribed standards.
- 2.\* Inspects motors, bearings, and gear boxes for overheating and maintains proper lubrication.
- 3.\* Collects samples of sewage and effluent at various stages of processing and performs routine physical and chemical analysis, including but not limited to chlorine residual, sulfite residual, ammonia nitrogen concentration, phosphorus concentration, pH, etc....
- 4.\* Analyzes and interprets operational data to determine proper process control.
- 5.\* Performs start-stop functions on a variety of mechanical and electrical equipment and more complex process equipment systems including but not limited to, pumping systems, chemical feed systems, air supply systems, methane gas systems sludge dewatering systems, etc.
- 6.\* Skims and/or cleans process basin walls and water surfaces.
- 7.\* Makes and records meter and gauge readings as may be required. Maintains and interprets logs and prepares written reports pertaining thereto.
- 8.\* Makes normal repairs to equipment and assists in extensive repairs.
- 9.\* Teaches other employees related skills and procedures necessary in the operation of the wastewater plant and associated equipment.
10. May fill-in and perform wastewater laboratory analysis when necessary.
11. Maintains equipment, buildings, and grounds in a clean and orderly manner.
12. Will be required to fill in as relief for vacations, sick leave, etc.
13. Performs all functions/tasks defined in Operator Trainee and Operator I job descriptions.

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- | 14. Performs related duties as required.

Minimum Qualifications:

1. High School diploma or GED certificate recognized by the Wisconsin Department of Public Instruction.
2. Four years of on-the-job experience in the operation of/and principles of wastewater treatment and associated equipment.
3. Four years of on-the-job experience in the operation and maintenance of motors, compressors, pumps, mechanical equipment, and similar mechanical systems.
4. Certification as a Wisconsin Department of Natural Resources Grade IV Wastewater Operator in Five (5) sub-classes appropriate to the Sheboygan WWTP. The Wastewater Operators certification may be increased depending on requirements mandated by the WDNR.
6. Ability to work under general instructions and make independent judgments.
7. Knowledge of the methods and principles of the operation of large capacity pumps and related wastewater treatment plant equipment.
8. Knowledge of standard practices, techniques, and principles of water pollution control.
9. Knowledge of and ability to perform laboratory analysis as required by the WDNR and our WPDES wastewater discharge permit; including but not limited to, BOD5, TSS, Total Phosphorus, Ammonia Nitrogen, Fecal Coliform, pH, etc...
10. Ability to maintain and evaluate records.
11. Ability to inspect sewage plant machinery and mechanical equipment in operation and to detect flaws and defects in operation.
12. Ability to react promptly and effectively in emergencies.
13. Ability to perform manual work involving lifting, climbing, crouching, etc.
14. Ability to establish and maintain effective working relationships.
15. Will be required to work shifts, holidays, and week-ends.
16. Must possess a valid Wisconsin Motor Vehicle Operator's license in good standing.

Created March 2006

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